



Atty. Dkt. No. 040373/0255

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kazuo ISHII
Title: OPTICAL SYMBOL READING DEVICE
Appl. No.: 09/320,457
Filing Date: 05/27/1999
Examiner: J. Fureman
Art Unit: 2876

Commissioner for Patents
Box After Final
Washington, D.C. 20231

RECEIVED
OCT -3 2002
TECHNOLOGY CENTER 2800

23/E
G. Staly
10-8-02

AMENDMENT & REPLY

Sir:

This communication is responsive to the Office Action dated June 26, 2002, concerning the above-referenced patent application.

Please reconsider the application as follows:

In the Claims:

In accordance with 37 CFR §1.121, please replace claims 1 and 7 with the following rewritten version of the same claims, as amended. The changes are shown explicitly in the attached "Version with Markings to Show Changes Made."

- sub F1
E
1. (Four Times Amended) An optical symbol reading device comprising:
an image data input section including a front surface symbol reading device and back surface symbol reading device, an image data input unit for receiving a bar code label, characters, symbols, or image data on an article that is moved by a conveyor, and an image data input focus point modifier;
an article detector for detecting that said article has entered a read zone;
an interpreter for converting electric signals from said image data input section to numbers or characters; an interpretation result output section for outputting the interpretation results of said interpreter to an external device;